

IOWA DEPARTMENT OF TRANSPORTATION

To Office: Bridges and Structures

Date: February 5, 2002

Attention: All Employees

Ref. No.: 521.2

From: Gary Novey

Office: Bridges and Structures

Subject: MM No. 51 (Revision to Top of Slab Elevation Sheet)

To help obtain the proper setting of the top of slab elevations on bridges, elevations are to be shown at approximately 8 ft (2400 mm) to 10 ft (3000 mm) intervals in each span. Intervals should be spaced with an even number of spaces between pier bearings, so there will always be an elevation at the centerline of the span. Elevations should be given at all pier bearings.

For beam bridges, top of slab elevations in the transverse direction are to be shown at centerline approach roadway, at the parabolic crown line each side of centerline, all beam lines, each gutter line, and longitudinal construction joint if required for stage construction.

For slab bridges, top of slab elevations in the transverse direction are to be shown at centerline approach roadway, end of parabolic crown line each side of centerline, each gutter line, midpoint between end of parabolic crown and gutter line, and longitudinal construction joint if required for stage construction.

On super elevated slabs give edge of slab and gutter line elevations.

Please include this revision in all projects that are currently being developed.

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